

# Performing a Simple Search Client 1.0.62

A simple search allows you to search for image studies based on a combination of the following search filters: Collections, Image Modality, Anatomical Site, Species, Phantoms, Third-Party Analysis Results, Date released on TCIA, and Subject IDs. The more criteria you select, the fewer results you receive. After you select your search criteria, you can save your query to use later.

## To perform a simple search

1. On the TCIA home page, click the **Simple Search** tab.  
The Simple Search page appears.

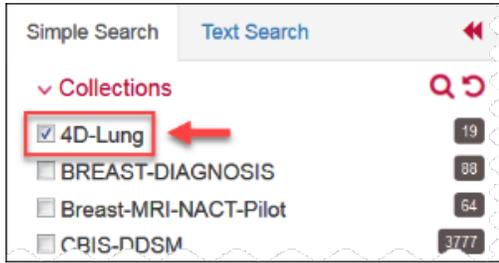
The screenshot shows the TCIA Simple Search interface. On the left, there are several filter sections: Collections (with sub-filters like CBIS-DDSM, VICTRE, LIDC-IDRI, CT COLONOGRAPHY, NSCLC-Radiomics), Image Modality (MG, CT, MR, PT, RTSTRUCT), Anatomical Site (BREAST, CHEST, BRAIN, COLON, LUNG), Species (Homo sapiens, Mus musculus), Phantoms, 3rd-Party Analysis Results, and Subject IDs. A search bar is at the top right, and a 'Clear' button is below it. Three pie charts are displayed: 'Count by Collections' (92 Collections), 'Count by Image Modality' (21 Image Modalities), and 'Count by Anatomical Sites' (45 Anatomical Sites). The footer contains copyright information and links for Feedback, Privacy Notice, Disclaimer, Accessibility, Support, and FAQs.

2. Select filters to narrow down the available image series.

To Select	Do This

Collections

**Option 1:** Click the box next to each collection name you want to select.



Hovering over a collection name opens a window with information about the collection in it. Quickly move your mouse to this window, where you can select text and click links. The window stays open until you move your mouse away from it.

#### 4D-Lung

This data collection consists of images acquired during chemoradiotherapy of 20 locally-advanced, non-small cell lung cancer patients. The images include four-dimensional (4D) fan beam (4D-FBCT) and 4D cone beam CT (4D-CBCT). All patients underwent concurrent radiochemotherapy to a total dose of 64.8-70 Gy using daily 1.8 or 2 Gy fractions.

A single Radiation Oncologist delineated targets and organs at risk in all 4D-FBCT and a limited number of 4D-CBCT images. All patients underwent concurrent radiochemotherapy to a total dose of 64.8-70 Gy using daily 1.8 or 2 Gy fractions.

Please see the [4D-Lung](#) wiki page to learn more about the images and to obtain any supporting metadata for this collection.

**Option 2:** Click the magnifying glass to enter a name.

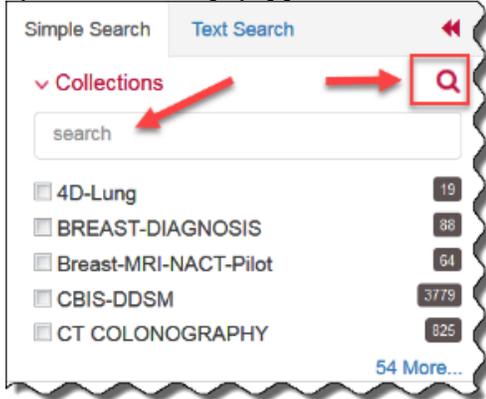


Image Modality

Click the box next to one or more image modalities.

If you select more than one image modality, clicking **ANY** returns any study that is associated with any of the modalities you selected. Clicking **ALL** returns all studies that are associated with all of the modalities you selected.

 When you select the **ANY** search modifier here, only the studies that match your search criteria are returned. Be aware that these may be only a subset of the studies belonging to a single subject (patient). The potential difference between total studies available and the number of studies returned by your search becomes clearer when you select the

Total Studies and Total Series columns to appear in your search results. To do so, click  at the top of the Search Results tab. Select Total Studies and Total Series in the Pick Columns list.

Pick columns

- Cart
- Collection ID
- Subject ID
- Studies
- Total Studies
- Series
- Total Series

Image Modality All  Any

<input checked="" type="checkbox"/> CT	4408
<input type="checkbox"/> CR	56
<input type="checkbox"/> CTPT	1
<input type="checkbox"/> DX	238
<input type="checkbox"/> KO	10
<input type="checkbox"/> MG	3799

[11 More...](#)

Anatomical Site

Click the box next to each anatomical site you want to select.

Anatomical Site

<input checked="" type="checkbox"/> ABDOMEN	172
<input type="checkbox"/> BLADDER	97
<input type="checkbox"/> BRAIN	611
<input type="checkbox"/> BREAST	4305
<input type="checkbox"/> CERVIX	54
<input type="checkbox"/> CHEST	1463

[25 More...](#)

Species

Click the box next to the species you want your search results to represent, either human or *Mus musculus* (mouse).

Species

<input type="checkbox"/> Human ( <i>Homo sapiens</i> )	17809
<input type="checkbox"/> <i>Mus musculus</i>	80

Phantom ms	<p>Click the box next to the phantom option you want to select.</p> <div data-bbox="318 184 816 354"> <p>▼ <b>Phantoms</b></p> <p><input type="radio"/> Only Phantoms</p> <p><input type="radio"/> Exclude Phantoms</p> <p><input checked="" type="radio"/> Include Phantoms</p> </div>
3rd-Party Analysis Results	<p>3rd-party analysis results are derived data (e.g. segmentations) that were contributed by researchers who were not part of the group that originally submitted a collection to TCIA.</p> <p>Click the box next to each third-party analysis results option you want to select. Only DICOM data from third-party analysis results appear when using this search filter. A full listing of all third-party analysis data inclusive of non-DICOM formats can be found in the <a href="#">Analysis Results Directory</a>.</p> <div data-bbox="318 541 816 705"> <p>▼ <b>3rd-Party Analysis Results</b> ⓘ</p> <p><input type="radio"/> Only 3rd-Party Results</p> <p><input type="radio"/> Exclude 3rd-Party Results</p> <p><input checked="" type="radio"/> Include 3rd-Party Results</p> </div>
At least X time point (DICOM studies)	<p>Enter the minimum number of time points that match the criteria of your search. This filter allows you to see subjects that have more than one DICOM study (that is, the patient was seen at multiple time points).</p> <div data-bbox="318 804 917 909"> <p>At least <input type="text" value="1"/> time point (DICOM studies)</p> </div>
Date Released	<p>Enter a From and To date to narrow your search results to studies that TCIA first made available during that date range.</p> <p>Alternately, select the <b>Apply "Available" date range</b> box to exclude studies that were unavailable to TCIA during the selected date range. Click the  button to return the dates to the default date range.</p> <div data-bbox="318 1066 917 1339"> <p>▼ <b>Date Released</b> ⓘ</p> <p>From: <input type="text" value="11/19/2019"/></p> <p>To: <input type="text" value="11/19/2019"/></p> <p><input type="checkbox"/> Apply "Available" date range</p> </div>
Subject IDs	<p>Enter Subject IDs associated with the image series you want to receive in your search results. Separate each Subject ID with a comma and then click <b>Apply Subject IDs</b>.</p> <div data-bbox="318 1434 719 1801"> <p>▼ <b>Subject IDs</b></p> <p>Enter comma separated ID(s)</p> <div data-bbox="337 1507 695 1759" style="border: 1px solid #ccc; height: 120px; width: 100%;"></div> <p style="text-align: right;"><input type="button" value="Apply Subject IDs"/></p> </div>

3. Select which columns you want to have appear in the detailed search results on the Search Results tab by clicking  at the top of the Search Results tab. The Pick Columns panel appears.

Pick columns

- Cart
- Collection ID
- Subject ID
- Studies
- Total Studies
- Series
- Total Series

Search results are shown in two different ways, as a summary and as detailed search results, and which one appears first matches your last choice. The Summary tab shows updated pie charts and the number of image series in the search results.

Clear Anatomical ( ABDOMEN )

Summary Search Results

Search results count: 172

Count by Collections

3 Collections

Count by Image Modality

6 Image Modalities

Count by Anatomical Sites

1 Anatomical Site

Click the Search Results tab for [more detailed results](#).